

XIII. *New Species of Lepidoptera-Heterocera from S.E. Brazil.* By E. DUKINFIELD JONES, F.E.S., F.Z.S.

PART II.

[Read March 18th, 1914.]

Fam. NOCTUIDAE.

Subfam. HADENINAE.

*Eriopyga lycophotia*, sp. n.

♀. Palpi light brown with some darker scales at sides; pectus and legs dark brown; antennae brown; head and thorax brown mixed with ochreous; abdomen light brown, darker beneath. Fore-wings light brown suffused with dark brown; antemedial line dark brown, straight from costa to median nervure, excurved below median to inner margin, preceded by dark shade; postmedial line oblique from costa to discal fold, then bent inwards to near middle of inner margin, forming a rather rounded right angle on the fold; an indistinct broken subterminal line; orbicular and reniform small, indistinctly defined by dark brown; cilia light brown. Hind-wings ochreous, costa and margins broadly suffused with brown. Underside of fore-wings; the cell clothed with long silky hairs lying evenly outwards.

Expanse 36 mm.

*Hab.* CASTRO, Paraná.

*Eriopyga suffusa*, sp. n.

♀. Palpi light and dark brown mixed; frons, head, tegulae, thorax and patagia pinkish brown, the scales tipped with ochreous white; abdomen brown, dorsally suffused with fuscous. Fore-wings pinkish brown; a diffused dark spot at base of cell; antemedial line indicated on costa, median nervure and vein 1; a very faint double reddish brown bar below orbicular from cell to vein 1; a diffused reddish brown medial shade, excurved in cell; a diffused reddish brown postmedial line excurved from costa to vein 4, then slightly incurved to inner margin, followed by lighter shade and indistinct fuscous dots on veins; a diffused lighter subterminal line, almost straight; the terminal area suffused with reddish brown;

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cilia reddish brown; costa and inner margin light brown; orbicular and reniform rather large, reddish brown, defined by fuscous followed by whitish. Hind-wings white, the veins light brown; costal and apical areas broadly and termen narrowly suffused with light brown and irrorated with dark brown.

Expanse 32 mm.

*Hab.* CASTRO, Paran .

*Eriopyga ignita*, sp. n.

♂. Palpi inwardly light brown, outwardly purple brown; frons, head, tegulae, antennae and thorax deep purple brown; abdomen brown, dorsally suffused with fuscous, the anal tuft lighter, beneath purplish brown. Fore-wings fiery red; an indistinct dark sub-basal line excurved below costa, angled inwards on base of cell and outwards below cell, followed by a yellow spot on costa and by large yellow space irrorated with red on submedian area, extending nearly to medial dark shade; antemedial line dark, interrupted on costal area, excurved in cell, angled inwards on median nervure, excurved below across yellow space, angled inwards on vein 1 and strongly excurved to inner margin; a yellow spot before antemedial on costa; a diffused dark purple brown medial shade merging into dark area of cell and beyond cell to postmedial line; postmedial line strongly dentate, the outward points ending in dark dots on the veins, followed by yellow spot on costa; an almost straight very slightly excurved subterminal line followed by lighter shade of fiery red, the veins across it dark purple brown; a terminal series of dark lunular spots between the veins; cilia dark brown; four yellow streaks on costa before apex; orbicular yellow with red scales in centre; reniform yellow, silvery white at lower end, crossed by red discocellular, upper end not so distinctly white and crossed by red bar. Hind-wings dark fuscous brown.

Expanse 24 mm.

*Hab.* ALTO DA SERRA, Santos.

*Eriopyga paulista*, sp. n.

♂. Palpi inwardly rufous, outwardly brown; legs brown, the hairs rufous; frons, head, tegulae and thorax rufous; abdomen brown tinged with rufous near extremity; anal tuft ochreous tinged with rufous. Fore-wings purplish brown: subbasal line purplish grey followed by indistinct dark shade, strongly excurved at base of cell; antemedial line purplish grey slightly defined on both sides by dark lines, nearly straight from costa to vein 1 where it is bent

inwards to inner margin; postmedial line oblique from costa to vein 8, then slightly and evenly excurved to inner margin; a wavy subterminal line slightly angled inwards on vein 8, excurved from 8 to 5, slightly angled inwards on vein 5, excurved to 2, then bent outwards to inner margin; a wavy terminal line with dark spots between the veins; terminal area light reddish brown; cilia rufous; orbicular and reniform very large, well defined by ochreous, the former oblique, oval, extending well below the cell, a light shade in centre, rufous towards the edges and a dark shade within the ochreous ring; reniform excavated on outer side, extending well below end of cell and including discocellulars; a light shade on discocellulars. Hind-wings dark brown; cilia rufous.

Expanse 48 mm.

*Hab.* ALTO DA SERRA, Santos.

Subfam. ACRONYCTINAE.

*Speocropia mamestroides*, sp. n.

♀. Rufous brown; the scales on head and body tipped with grey; some scattered black scales on tegulae; metathoracic crest purplish brown; abdomen light reddish brown. Fore-wings rufous irrorated with purple-brown, the veins dark purple-brown, the lines rather obscure; an indistinct dark subbasal line; antemedial line double, more clearly defined on submedian fold, where it is strongly angled outwards, preceded by dark suffusion on inner margin; a narrow diffused medial shade; postmedial line wavy, diffused, dentate, oblique from costa to vein 7, where it is strongly excurved; subterminal line dentate, followed by lighter shade; terminal area dark; termen crenulate, dark purple-brown; cilia purple-brown with whitish line at base, pale rufous at tornus; orbicular oval defined by dark purple-brown; reniform rather obscure, some ochreous scales beyond it. Hind-wings ochreous white suffused with rufous brown; a large diffused discocellular spot; a narrow diffused wavy postmedial and broad diffused terminal band; termen dark; cilia ochreous white.

Expanse 44 mm.

*Hab.* CASTRO, Paraná.

*Itheringia*, gen. nov.

Proboscis fully developed; palpi upturned, the 2nd joint reaching to middle of frons and moderately scaled, the 3rd long, porrect; frons smooth; eyes large, round; antennae of ♂ ciliated; thorax

clothed with scales, without crests; tibiae clothed with scales; abdomen without crests. Fore-wings with the apex slightly acute; termen very slightly excavated on discal fold, then excurved to tornus; costa slightly excurved at base, then straight to close to apex; vein 3 from well before angle of cell; 5 well above angle; 6 from upper angle; 7 from end of areole; 8 and 9 stalked from end of areole; 10 from areole; 11 from cell. Hind-wings with veins 3 and 4 from angle of cell; 6 and 7 from upper angle; 8 anastomosing with cell at base only.

Type I. *santista*, sp. n.

I have named this genus after Dr. von Ihering, Curator of the National Museum at São Paulo, through whose kindness and courtesy I was enabled to make a fine collection at the Biological Station at Alto da Serra, Santos.

*Iheringia santista*, sp. n.

♂. Palpi light brown mixed with white, a few black scales at sides, ends of joints white; tibiae light brown mixed with white; frons ochreous white with scattered black scales; antennae brown, grey on upper side at base; tegulae pale olive green ochreous and white, a black outward spot at base; thorax ochreous white; abdomen ochreous brown above, lighter beneath with three narrow black ventral lines and double ill-defined sublateral lines. Fore-wings ochreous white suffused with pale reddish brown and pale olive green; costa pale olive green with some white streaks near apex and a large subbasal black spot crossed by oblique brown line and followed by whitish; antemedial line black, strongly waved, oblique at costa, strongly angled outwards in cell, on vein 2 and on submedian fold, then incurved to inner margin near base; post-medial line black, dentate, the outward points on the veins, preceded and followed by white on the veins; a diffused dark medial shade, oblique at costa, strongly excurved at end of cell and incurved to middle of inner margin; an indistinct wavy subterminal line preceded by black patches above veins 3 and 5, the space beyond white irrorated with pale olive green; termen black; cilia pale reddish brown with darker centre line; orbicular and reniform pale olive green defined by dull orange, the latter confluent with a similar spot below the cell; a discocellular pale olive green mark irrorated with orange and slightly defined by black; some orange irroration beyond the cell; a reddish brown subcostal mark on inner area and a diffused short fascia in lower half of cell, two longer ones below the cell separated by double fine lines which run from subbasal to antemedial line. Hind-wings pale reddish brown

outwardly suffused with dark brown; cilia light reddish brown with whitish tips.

Expanse 35 mm.

*Hab.* ALTO DA SERRA, Santos.

*Chytonix variegata*, sp. n.

♂. Palpi light brown with some fuscous at sides; pectus and coxae dark reddish brown; legs fuscous and light brown; mid-tibiae light brown with broad fuscous band at distal end; tarsi ringed with light brown; frons ochreous tinged with reddish brown, a few scattered darker scales; back of head dark purplish brown; tegulae olive green with broad fuscous band; patagia pale reddish brown mixed with darker scales, base olive green; thorax pale reddish brown, metathoracic crest tipped with purplish brown; abdomen pale reddish brown suffused with fuscous. Fore-wings: three obscure dark basal spots above, in and below cell; an indistinct wavy dark geminate subbasal line well defined on costa; a wavy dark geminate antemedial line strongly excurved, preceded by dark shades on costa and inner margin; a medial dark shade; a fine black postmedial line, clearly defined and preceded by bluish grey, from vein 8 to vein 2 and followed by incurved lunular dark olive mark inwardly rufous and outwardly light olive green; a terminal series of lunular spots between the veins; a large dark purple brown spot on vein 3 enclosing clear white spot; a dark apical shade confluent with the olivaceous lunular mark; costa olive green from base to postmedial line; short fuscous streaks on extreme costa; diffused olive green fasciae above veins 1 and 2, the former from before antemedial to postmedial, the latter from antemedial to the dark spot on vein 3; orbicular and reniform small, tawny; lower half of cell on medial area buff, upper half suffused with bluish grey; a dark discocellular bar outwardly tawny; cilia reddish brown with dark central line, fuscous at apex and between veins 2 and 4. Hind-wings brown broadly suffused with darker brown on terminal area.

Expanse 24 mm.

*Hab.* ALTO DA SERRA, Santos.

*Selambina cuprea*, sp. n.

♀. Palpi, head, legs, antennae and body cupreous brown. Fore-wings cupreous brown; antemedial line dark, sinuous, excurved above cell, incurved in cell, excurved below cell and slightly incurved to inner margin; postmedial line dark, broad and diffused, excurved

from costa to vein 5, incurved from 5 to near middle of inner margin, followed by lighter shade to subterminal line; subterminal line dentate, the outward points ending in black dots on the veins, followed by whitish; termen dark, interrupted at veins by yellowish brown spots; orbicular represented by black point surrounded by whitish; a pure white sickle-shaped mark on discocellulars; some white irroration below costa near apex and four yellowish points on costa; cilia dark cupreous brown. Hind-wings ochreous outwardly suffused with cupreous brown. Underside of fore-wings a black lunular discocellular spot and dentate subterminal line followed by dark triangular spot on costa; hind-wings black discocellular spot and indistinct postmedial and subterminal lines.

Expanse 31 mm.

*Hab.* ALTO DA SERRA, Santos.

*Gonodes pallida*, sp. n.

♂. Palpi light brown, some darker scales at sides; pectus ochreous white; legs brown; fore coxae whitish with scattered dark scales; frons ochreous mixed with brown; head, tegulae, patagia and thorax ochreous white with a few scattered dark brown and black scales; antennae reddish brown; abdomen ochreous slightly suffused with light brown. Fore-wings ochreous white slightly irrorated with fuscous; a faint indication of antemedial line excurved below cell; an oblique light line from costa above middle of cell through lower angle of cell and below vein 4 to termen; a dark fuscous triangular patch in upper angle of cell, continued to costa, the whole patch being surrounded by whitish excepting on costa; a postmedial line strongly excurved beyond upper angle of cell and faintly indicated on lower half of wing; subterminal line indistinct; termen brown; cilia ochreous white; a light brown space beyond postmedial to termen and to costa just before apex; costal area between dark fuscous patch and postmedial line grey; the light portions of wing with slight lilacine reflexion. Hind-wings white suffused with brown at termen and on discal fold; indications of postmedial band near inner margin; a diffused discocellular spot; costal area iridescent.

Expanse 26 mm.

*Hab.* CASTRO, Paran.

*Gonodes lilla*, sp. n.

♂. Palpi ochreous, some dark brown scales at sides; pectus ochreous white; coxae ochreous white with brown bar; fore

femora brown tinged with pink; mid- and hind-tibiae ochreous irrorated with light brown, a large dark patch at extremity; frons ochreous with scattered brown scales; vertex of head, tegulae, patagia and thorax ochreous and light brown tinged with pink; metathoracic crest tipped with dark reddish brown; abdomen ochreous brown, anal tuft lighter. Fore-wings greyish brown with slight lilacine reflexion; subbasal line wavy, black, geminate, enclosing lilacine; antemedial line diffused black; a diffused dark medial shade; postmedial line pale, preceded by interrupted black line and followed by indistinct dark line clearly marked by minute spots on veins 1 and 2, oblique from costa to subcostal nervure, strongly excurved beyond cell, incurved to inner margin; a subterminal line of black spots, large on submedian fold and small above veins 2 and 3; termen dark reddish brown; cilia light at base, dark at tips; orbicular round, dark, slightly defined by ochreous line; reniform oval, ringed with lilacine white excepting at lower end; the space between the spots yellowish with some brown irroration; a lilacine grey apical spot, preceded by dark brown on costa. Hind-wings light brown heavily suffused with dark brown on terminal area; a conspicuous dark brown disco-cellular spot; basal half of costal area highly iridescent; cilia light brown with dark central band.

Expanse 21 mm.

*Hab.* ALTO DA SERRA, Santos.

*Neostrotia ornata*, sp. n.

♂. Palpi inwardly brown, outwardly fuscous; legs fuscous brown sprinkled with grey; tarsi light reddish brown; frons dark purplish brown; vertex of head ochreous white; antennae shaft white; tegulae, patagia, thorax, and abdomen ochreous white irrorated with purplish brown; anal tuft golden brown. Fore-wings yellowish grey, the scales crossed by broad central dark band giving the appearance of fine striae over the whole wing; subbasal line represented by a diffused dark spot on costa; antemedial line very indistinct excepting on costa, where it forms a black spot, fuscous and yellowish below it, angled outwards in cell and on submedian fold, preceded and followed by whitish; postmedial line tawny shading to fuscous below submedian fold, a black spot on costa, excurved from costa to vein 3, incurved to vein 1, then straight to inner margin, followed by whitish; a very wavy subterminal line followed by white space thickly striated with dark fuscous; termen tawny interrupted by black between the veins; cilia tawny speckled

with fuscous, interrupted by white between the veins, wholly white between veins 6 and 7 and above tornus; three oblique white streaks on costa beyond postmedial line. Hind-wings light brown, the striation much less conspicuous than in the fore-wings; a diffused lunular discocellular spot; termen fuscous more or less interrupted at the veins; cilia tawny, white and fuscous. Under-side: fore-wings reddish brown suffused and irrorated with fuscous; terminal area white striated with fuscous; hind-wings paler, irrorated, especially on the costal area, with fuscous brown; terminal area striated; a fuscous lunular discocellular spot; indistinct post-medial and subterminal dark bands; termen brown interrupted at veins.

♀. Fore-wings yellower and darker than male, the lines more distinct; a minute black discocellular spot.

Expanse, ♂ 20 mm., ♀ 21 mm.

*Hab.* CASTRO, Paraná; ALTO DA SERRA, Santos.

*Neostrotia linda*, sp. n.

♂. Palpi inwardly brown, outwardly fuscous; legs fuscous brown sprinkled with grey, the tarsi light reddish brown; frons dark purplish brown; vertex of head ochreous white; antennae shaft white; tegulae, patagia and thorax white irrorated with purplish brown. Fore-wings yellowish grey, the scales crossed by dark central band, giving the appearance of fine striae over the whole wing; subbasal line represented by a diffused dark spot on costa; basal area suffused with fuscous in and below cell; antemedial line double, white, filled in with a black spot on costa and fuscous and yellowish below it, angled outwards in cell and on submedian fold; postmedial line double, white, filled in with a black spot on costa and tawny below, shading to fuscous below submedian fold, ex-curved from costa to vein 3, incurved to vein 1, then straight to inner margin, followed by pure white space with a few black irrorations on discal area; a very wavy subterminal line angled inwards on the veins, followed by white space thickly striated with dark fuscous; a dark diffused spot on discal fold; termen tawny interrupted by black spots between the veins, indistinct near apex, well defined near tornus; cilia yellowish grey speckled with fuscous interrupted by white between the veins, wholly white between veins 6 and 7 and above tornus; a cluster of black irroration on discocellulars; a faint indication of a pale reniform; three oblique white streaks on costa beyond postmedial line. Hind-wings light brown, the striation much less conspicuous than in the fore-wings; a diffused discocellular spot; termen fuscous more or less inter-



rupted at the veins; cilia brown mixed with white. Underside: fore-wings reddish brown suffused and irrorated with fuscous, the terminal area white striated with fuscous; hind-wings paler, irrorated, especially on the costal area, with fuscous brown; a fuscous lunular discocellular spot; well defined postmedial and less decided subterminal dark bands; termen black interrupted at veins.

♀. Basal half of abdomen ochreous white irrorated with dark brown, terminal half clothed with dark fuscous scales tipped with white. Fore-wings darker than in the ♂; the medial area suffused with tawny; the lines, except the subterminal, not so well defined.

Expanse, ♂ 18 mm., ♀ 17 mm.

*Hab.* CASTRO, Paran; SO PAULO, S. E. Brazil.

*Macapta obliqua*, sp. n.

♀. Palpi, head, legs and thorax dark coppery brown; abdomen lighter. Fore-wings dark coppery brown, the costal and terminal areas somewhat lighter in shade; a pure white streak beyond discocellulars widening out at lower end above vein 4; a subterminal series of minute black dots on the veins. Hind-wings yellowish brown at base, suffused with coppery brown on outer half.

Expanse 24 mm.

*Hab.* GUARUJ, Santos.

*Bryolymnia castrena*, sp. n.

♂. Palpi fuscous mixed with white; basal third of antennae shaft white above, banded with fuscous, the remainder fuscous; frons, head, tegulae, patagia and thoracic crest fuscous, the scales tipped with whitish; thorax white; abdomen ochreous with fuscous lateral hairs. Fore-wings white; basal area black from costa to vein 1, angled outwards on submedian fold; a rufous subbasal striga on costa and some rufous below vein 1; antemedial line represented by black point on costa and on inner margin; postmedial line black, geminate, wavy, oblique from costa to vein 4, incurved from 4 to 1 where it is angled outwards, then incurved to inner margin; an indistinct white, wavy, subterminal line; a large black patch on costa between postmedial and subterminal lines partially covered with fuscous scales with whitish tips; a smaller oblique black mark from vein 3 to vein 5 confluent with a black mark beyond reniform; terminal line dark, interrupted at the veins; cilia brown, lighter at the ends of the veins; orbicular and reniform white defined by black, the former large and oblique, the latter

constricted at middle and almost covered with fuscous and a few rufous scales; the space between the spots filled with black, a black spot above it on costa; medial area slightly and terminal area heavily suffused with rufous. Hind-wings ochreous white suffused with fuscous at apex.

Expanse 25 mm.

*Hab.* CASTRO, Paraná.

Near *B. bicon*, Druce; but it is easily distinguished by the white thorax, the black cellular space between the orbicular and the reniform and the curved black mark beyond the cell instead of the square one.

*Calymniodes lilacina*, sp. n.

♂. Palpi and legs dark brown; tarsi ringed with ochreous; head, tegulae, patagia and thorax light reddish brown; metathoracic crest dark brown; antennae dark brown; abdomen brown. Fore-wings reddish brown; a wavy, whitish subbasal line from costa to vein 1; antemedial line white, indistinctly defined on outer side by black, oblique from costa, a minute outward curve above subcostal nervure, oblique and slightly incurved across cell to submedian fold where it is acutely angled outwards, incurved on vein 1; an indistinct medial dark shade clearly defined on the veins; post-medial line white, sinuous, excurved from costa to vein 4, incurved from 4 to submedian fold, excurved and acutely bent inwards to inner margin, but not confluent with antemedial line, followed by a broad lilacine white shade, ochreous grey at costa; a wavy, lilacine white subterminal line, the veins lilacine white on inner side; terminal area a darker shade of brown; termen dark brown; cilia light at base, dark at tips; orbicular and reniform very indistinct. Hind-wings brown; terminal area suffused with darker brown.

Expanse 32 mm.

In the female the fore-wings are darker and the lines more distinct.

*Hab.* ALTO DA SERRA, Santos.

*Dantona marginata*, sp. n.

♂. Palpi light and dark brown mixed; legs brown, tarsi ringed with ochreous; antennae light brown; head, tegulae, patagia and thorax light and dark brown mixed; abdomen light ochreous brown. Fore-wings light brown suffused and irrorated with dark brown; the lines diffused and indistinct; the subterminal line well

defined, oblique from close to apex to vein 6, incurved from 6 to 4 and incurved from vein 3 to tornus, followed by light shade to termen; a terminal series of dark lunular spots between the veins; cilia light and dark brown mixed; orbicular and reniform diffused dark brown indistinctly ringed with light brown. Hind-wings light ochreous brown.

Expanse 26 mm.

*Hab.* CASTRO, Paraná.

*Erocha irrorata*, sp. n.

♂. Palpi dark brown mixed with white and black; pectus white; legs fuscous irrorated with white, the fore femora and tibiae with long white hair; head, tegulae, thorax and patagia dark fuscous mixed with white; a white spot behind the eye; abdomen dark fuscous, a lateral orange stripe. Fore-wings dark fuscous irrorated with white; central area dull green from close to base below cell, along submedian fold, in cell and on discal area, the latter containing large white spot irrorated with green from costa to vein 2, the whole of the green being limited by narrow black diffused line; antemedial line green, visible only on inner margin, outwardly curved, confluent with central green area on vein 1; postmedial line green, visible only at inner margin, inwardly curved, confluent with green area on submedian fold; costa black irrorated with white; median nervure to vein 2 and a bar across cell at this point black irrorated with white; an indistinct subterminal and a terminal line of white irrorations; cilia fuscous. Hind-wings dark fuscous; cilia white. Underside dark fuscous, a large white spot beyond the cell on the fore-wing.

Expanse 40 mm.

*Hab.* ARAÇATUBA, W. São Paulo.

Subfamily ERASTRIANAE.

*Trogblemma serralis*, sp. n.

♂. Palpi, legs and antennae light brown; frons ochreous white with brown at sides; head ochreous white; tegulae ochreous white outwardly suffused with brown; thorax ochreous white with a few scattered dark brown scales; patagia light brown; abdomen ochreous with some scattered brown scales. Fore-wings light brown sparsely irrorated with black and suffused with purplish on costa and terminal area; a faint indication of antemedial line of irroration and medial shade represented by black spot in middle of cell; a black point on discocellulars; an indistinct, diffused, wavy post-

medial line oblique from costa to vein 7, outwardly curved to vein 3 and slightly incurved to inner margin, more distinctly defined on the veins, especially on 6 and 7, followed by darker subterminal shade and lilacine terminal area which is broad at apex; a terminal line of black points between the veins; cilia dark purple brown. Hind-wings ochreous white slightly suffused with light brown on margins; a terminal series of dark spots between the veins; cilia light brown.

Expanse 16 mm.

*Hab.* ALTO DA SERRA, Santos.

*Trogoblemma lilacina*, sp. n.

♀. Palpi lilacine mixed with brown; fore- and mid-femora and tibiae thickly clothed with lilacine and brown scales, the tarsi pinkish brown banded with ochreous; hind legs entirely ochreous; head, tegulae and thorax lilacine and brown irrorated with darker scales, the latter posteriorly suffused with lilacine pink; patagia lilacine and brown outwardly suffused with pink; abdomen ochreous. Fore-wings lilacine graduating to rose pink at apex, thickly irrorated with light brown and sparsely with black, the outer half heavily suffused with chestnut brown not extending to apex; the whole of the wing covered with lilacine and pink striae; a small diffused dark spot in cell; a pink discocellular streak; a well-defined lilacine pink postmedial line oblique from costa to vein 7, thence nearly straight to middle of inner margin; a terminal series of black points between the veins; cilia dark purple brown tipped with buff on excavated portions of the wing. Hind-wings ochreous; a dark lunular spot on discocellars and a terminal series of lunular spots between the veins; cilia ochreous.

Expanse 23 mm.

*Hab.* ALTO DA SERRA, Santos.

*Angitia fuscosa*, sp. n.

♂. Palpi 1st and 2nd joints pale reddish brown, 3rd fuscous; legs reddish brown, the tarsi ringed with fuscous; head pale reddish brown mixed with white; patagia, tegulae and thorax fuscous brown mixed with white; abdomen brown irrorated with white, dorsal crests fuscous and white, anal tuft ochreous white. Fore-wings reddish brown heavily irrorated and suffused with fuscous, the apex and tornus paler; subbasal line ochreous brown only visible on costa; antemedial line ochreous brown, indistinct, wavy, excurved

on subcostal nervure and above vein 1; postmedial line double, diffused, black, dentate, oblique from costa to vein 6, strongly angled outwards on veins 1, 2 and 3, followed by broad ochreous white streak from costa to vein 6; orbicular and reniform black irregularly defined by ochreous brown, the interspace black; some rufous suffusion on inner margin before tornus and on termen above tornus; cilia fuscous mixed with ochreous. Hind-wings fuscous; cilia fuscous interrupted by white at the veins.

Expanse 30 mm.

*Hab.* CASTRO, Paraná.

*Mictochroa costiplaga*, sp. n.

♀. Ochreous grey; palpi with some fuscous on 2nd and 3rd joints. Fore-wings ochreous grey; antemedial line pale, broad, preceded and followed by darker narrow diffused lines, the pale space very broad at costa where it encloses a conspicuous purple brown spot; a pale discocellular bar; postmedial line pale, broad, excurved below costa, slightly incurved from vein 4 to middle of inner margin, preceded by darker shade; subterminal line pale, parallel with termen; some pale marks on costa near apex; indistinct dark terminal spots between the veins; cilia uniform ochreous grey. Hind-wings ochreous grey with diffused darker medial, postmedial and terminal bands.

Expanse 25 mm.

*Hab.* CASTRO, Paraná.

*Mictochroa renata*, sp. n.

♂. Palpi ochreous, some fuscous on outer sides; legs ochreous; fore-tarsi fuscous ringed with ochreous; head ochreous white; tegulae ochreous brown; patagia white, brown and fuscous; thorax ochreous brown suffused with fuscous; abdomen ochreous irrorated and banded with fuscous black. Fore-wings ochreous white irrorated with pale ochreous brown and fuscous; a very indefinite antemedial line of irroration incurved below costa and on submedian fold, excurved below vein 1; a black bar of irroration across middle of cell; a V-shaped black mark on middle of costa extending across the cell; a broad fuscous-black space from vein 3 to inner margin confluent with postmedial line; reniform large, ochreous brown, centred and surrounded with white; postmedial line black, indistinct at costa excurved below costa, incurved on discal fold, excurved from vein 5 to 3, incurved from 3 to 1 where it is slightly angled outwards; a subterminal line of diffused dark irroration;

a terminal series of dark lunular spots between the veins; cilia ochreous. Hind-wings ochreous irrorated with light brown.

Expanse 25 mm.

*Hab.* ALTO DA SERRA, Santos.

*Mictochroa rectilinea*, sp. n.

♂. Palpi inwardly light brown, outwardly fuscous; pectus ochreous; fore-legs heavily suffused with fuscous, mid- and hind-legs ochreous brown; frons pale reddish brown, the prominence darker; back of head pale reddish brown; antennae ochreous ringed with reddish brown; tegulae, patagia and thorax pale reddish brown mixed with rufous; abdomen ochreous irrorated with dark brown, the dorsal crests dark purple-brown. Fore-wings pale reddish brown; antemedial line oblique, nearly straight, double, filled in with a lighter shade; postmedial line double, straight from costa to subcostal nervure, then bent outwards and excurved to vein 7, incurved on discal fold, excurved above vein 4, bent inwards to lower angle of cell, then straight to inner margin; the medial area from the antemedial to a straight line joining the ends of the postmedial dark purple-brown; an indistinct, wavy, diffused, dark subterminal line, followed by light shade; orbicular represented by a few dark scales; reniform very narrow, slightly excavated on distal side and defined by fine dark line, heavily shaded on proximal side; a dark patch with whitish streaks before apex. Hind-wings ochreous lightly suffused with brown, darker on terminal area; a terminal series of dark lunular spots between the veins; cilia pale reddish brown, a light line at the base.

Expanse 25 mm.

*Hab.* CASTRO, Paraná.

*Mictochroa fasciata*, sp. n.

♀. Palpi fuscous brown; pectus ochreous and rufous; fore-legs suffused with fuscous and rufous, mid- and hind-legs ochreous brown; frons, head, tegulae and thorax rufous, the tegulae edged with light reddish brown; patagia brown with some rufous on the shoulders; abdomen reddish brown heavily irrorated with fuscous. Fore-wings rufous irrorated and suffused with fuscous and purplish brown; antemedial line ochreous, sharply angled outwards on subcostal area, straight to vein 1, then slightly bent outwards to inner margin, preceded and followed by rufous; a slight narrow medial dark shade; postmedial line double, filled in with ochreous, wavy,

straight from costa to subcostal nervure, then bent outwards and excurved to vein 7, incurved on discal fold, excurved above vein 4, bent inwards to lower angle of cell, then straight to inner margin; the medial area, from the antemedial line to a broad whitish fascia joining the ends of the postmedial and crossing reniform, dark purple-brown irrorated with fuscous; a wavy subterminal line preceded by light rufous from costa to vein 3, preceded and followed by fuscous below vein 3; a terminal row of minute dark spots between the veins; cilia brown, tipped with rufous except at tornus. Hind-wings dark brown; cilia rufous.

Expanse 27 mm.

*Hab.* CASTRO, Paraná.

*Bryocodia altina*, sp. n.

♀. Palpi inwardly ochreous brown, outwardly roseate brown; pectus ochreous; fore-coxae roseate brown; fore- and mid-femora and tibiae ochreous suffused with roseate brown and fuscous; tarsi black with ochreous at ends of joints; head and tegulae pale reddish brown, the latter with some scattered dark scales; antennae brown; patagia pale purple-brown, purple-fuscous at extremities; thorax purplish and reddish brown; abdomen ochreous irrorated with dark brown. Fore-wings reddish brown suffused and irrorated with fuscous and various shades of brown; antemedial line wavy, diffused, double, filled in with olivaceous, angled outwards on subcostal and in cell, excurved above and below vein 1; postmedial line double, diffused, the inner line rufous, the outer fuscous brown, filled in with olivaceous on costal area, angled inwards on discal fold, evenly excurved from vein 4 to inner margin, the outer line nearly obliterated below vein 4 by a large white mark suffused with pink from postmedial to subterminal line; some rufous before the white patch; subterminal line obscure, wavy, angled outwards on vein 4, incurved to tornus; termen dark brown interrupted at the ends of the veins; terminal area and cell rufous brown; cilia olivaceous brown; medial area above and below cell purplish grey irrorated with fuscous and rufous; reniform pale, defined by darker rufous brown, a few white scales at lower end; a dark patch on costa before apex, surrounded by white slightly suffused with pink. Hind-wings light brown; cilia ochreous with broad rufous brown band.

Underside: fore-wings light brown; a very pronounced post-medial line, strongly excurved; costal and outer areas buff heavily irrorated with roseate brown; hind-wings ochreous buff sparsely

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irrorated with roseate brown; a diffused postmedial line of lunular spots between the veins.

Expanse 30 mm.

*Hab.* ALTO DA SERRA, Santos.

*Bryocodia chlorotica*, sp. n.

♀. Palpi white outwardly speckled with fuscous; pectus white; fore-coxae white mixed with reddish brown; fore-femora and tibiae reddish brown and fuscous; mid- and hind-femora and tibiae white mixed with reddish brown and fuscous; frons white with some greenish scales above; vertex of head and tegulae white mixed with pale olive green; antennae reddish brown; patagia white mixed with olive green, a large black spot near base and some dark scales at tips; thorax white mixed with olive brown and fuscous; abdomen ochreous irrorated with brown, some white scales on dorsal crests. Fore-wings pale olive green; subbasal line black from costa to vein 1, interrupted on median nervure, surrounded with silvery white and followed by fuscous suffusion on submedian interspace; some fuscous suffusion below vein 1; antemedial line double, wavy, filled in with silvery white, the inner member very indistinct and the outer diffused, black, wavy, straight from costa to median nervure, angled outwards on submedian fold, inwards on vein 1, excurved to inner margin; a medial dark shade conspicuous on costal area; postmedial line silvery white, strongly excurved from costa to vein 3, incurved from 3 to inner margin, the space on proximal side suffused with white; subterminal line wavy, ochreous brown, preceded by broad fuscous suffusion from vein 7 to tornus; a dark lunular spot on discal fold before termen; a terminal series of dark lunular spots between the veins; cilia reddish brown and fuscous. Hind-wings brown; cilia paler. Underside ochreous white, irrorated and suffused with fuscous brown.

Expanse 25 mm.

*Hab.* CASTRO, Paraná.

*Bryocodia hilaris*, sp. n.

♀. Palpi ochreous, outwardly fuscous; legs ochreous, fore-legs suffused with fuscous; frons ochreous with dark ring round the prominence; back of head ochreous; antennae brown ringed with ochreous; tegulae ochreous, a dark line near base; thorax and patagia ochreous with some fuscous-brown scales; abdomen ochreous, laterally fuscous, the dorsal crests fuscous. Fore-wings white irrorated with brown and fuscous; a minute black spot on base and two more distal on costa and median nervure; antemedial



line black below cell, angled inwards on vein 1, preceded by white; a very oblique medial shade on costa; a white dentate subterminal line, the point between veins 6 and 7 reaching to termen, preceded by dark brown shade; terminal line dark, interrupted at the veins; cilia brown with darker central stripe, interrupted by white at the ends of the veins; subcostal area white, suffused with brown on costa; a large V-shaped silvery white mark at the end of the cell, the lower arm extending to the dark shade before the subterminal line at vein 3 and the upper coalescing with the white subcostal area, defined by fuscous on inner and outer sides, the space between the arms dark brown, some rufous irroration on the white V; a large silvery white space on inner margin from the middle to tornus, touching submedian fold, some brown irroration on the white. Hind-wings ochreous; medial area suffused with reddish brown; terminal area suffused with brown; termen darker brown; cilia ochreous brown, a pale line at base.

Expanse 24 mm.

*Hab.* CASTRO, Paraná.

*Bryocodia castrena*, sp. n.

♀. Palpi, legs and head ochreous; antennae light brown; tegulae, patagia, thorax and abdomen ochreous irrorated with dark brown, the dorsal crests dark purple-brown. Fore-wings pale ochreous brown irrorated and suffused with fuscous; antemedial line obscure, followed by white irroration in and below cell; postmedial line fine, diffused, strongly excurved from costa to vein 3, slightly incurved from 3 to inner margin; a silvery white fascia on basal half of vein 1, a dark suffusion above it; a broad white space suffused with brown from vein 1 to vein 3; white streaks on veins 3, 4, 6 and 7 reaching to termen; a dark streak in upper side of cell and beyond cell interrupted by the reniform; a dark suffusion below origin of vein 2; reniform white suffused with brown and irregularly defined by fuscous, distally excavated; cilia reddish brown with white streaks at the ends of veins 3-7. Hind-wings ochreous suffused with reddish brown; a wavy diffused postmedial line.

Expanse 26 mm.

*Hab.* CASTRO, Paraná.

Subfamily EUTELIANAE.

*Eutelia jaguaría*, sp. n.

♂. Palpi, 1st joint rufous, 2nd and 3rd brown, fuscous above; pectus and femora rufous; tibiae and tarsi brown; frons and vertex

of head light brown, the ends of the scales dark purplish brown; antennae purplish brown; tegulae light rufous in front, dark brown behind; patagia and thorax dark purplish brown mixed with rufous; abdomen dark purplish brown, some rufous at base. Fore-wings rufous; a wavy black subbasal line angled inwards below costa, incurved below cell, angled outwards on vein 1; a black wavy antemedial line angled outwards in upper and inwards in lower part of cell, excurved below cell to vein 1 and below vein 1 to inner margin; a medial dark shade; post-medial line black, wavy, excurved from below costa to discal fold, where it is obtusely angled inwards, then inwardly oblique and excurved to submedial fold, where it is obtusely angled inwards, then excurved to inner margin, followed by broad pale rufous band to subterminal line; subterminal line wavy; terminal area fuscous, a dark triangular patch on costa before apex; termen fuscous; cilia fuscous with light brown line at base; a large fuscous space from before antemedial line from costa to vein 1, including cell and space above; orbicular obliterated by the fuscous shade; reniform rufous defined by yellowish line, excurved on distal side. Hind-wings white heavily suffused with fuscous on outer half; traces of postmedial and subterminal lines. Underside: fore-wings ochreous white suffused with fuscous, heaviest at termen; a pale patch on discocellulars followed by some rufous suffusion beyond upper angle of cell; a diffused dark post-medial line; hind-wings white suffused with rufous and fuscous; a fuscous discocellular spot; traces of postmedial and subterminal lines.

Expanse 32 mm.

*Hab.* JAGUARIAHYVA, Paraná.

*Paectes viridescens*, sp. n.

♂. Palpi inwardly ochreous, outwardly purplish on 1st joint, purplish and brown on 2nd and brown on 3rd; pectus and coxae white; legs light brown irrorated with darker brown; frons ochreous white with dark brown bar; cheeks purplish; head ochreous white and olive green; antennae and basal tufts purplish brown; tegulae ochreous and brown suffused with pale olive green in front and a large purplish brown basal spot; thorax reddish brown mixed with dark brown and white; patagia white, reddish brown and dark brown, some olive green on the shoulder; abdomen ochreous white, dorsally suffused with rufous on segments 3-5, the suffusion broadest on segment 4, segments 2-5 with irregular distal black rings, confluent with sublateral spots on 4 and 5, underneath white, a central row of large black spots placed proximally and a double row of

minute ones distally on the segments. Fore-wings greyish white, the basal area to orbicular suffused with olive green including the antemedial line; a double dark, sinuous subbasal line with confluent spot on median nervure, angled outwards on subcostal and inwards on submedian nervure; antemedial line wavy, double, the outer line indistinct and touching orbicular, incurved in cell, outcurved below and strongly angled inwards on vein 1; a wavy, fine, dark medial shade strongly angled inwards on vein 1; postmedial line wavy, dark, double, oblique from costa to vein 7, strongly excurved beyond cell, incurved below vein 4, strongly incurved on vein 1, filled in with green at costa and on submedian and inner areas, followed by pale olive green suffusion limited on outer side by a diffused dark line; an indistinct diffused subterminal line expanding into a spot on vein 1 and followed by elongated spots above veins 4, 5 and 6; a wavy black terminal line; cilia light brown, a fine grey line at base and tips, interrupted by fuscous at the ends of the veins; a rufous triangular spot at costa before apex; some pale green suffusion on medial area at each side of vein 1, in cell and on costal area; orbicular round, white, with greenish suffusion, distally defined by black; reniform white with some green suffusion and a fuscous discocellular bar, excavated on outer side and defined by black, followed by strongly excurved black line across discal fold. Hind-wings light fuscous brown, the veins darker; base ochreous; inner margin white irrorated with fuscous; cilia ochreous white interrupted by fuscous at the ends of the veins.

Expanse 28 mm.

*Hab.* ALTO DA SERRA, Santos.